

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 BP Whiting Crude Release - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #2
 Progress
 BP Whiting Crude Release

Whiting, IN
 Latitude: 41.6763040 Longitude: -87.4757741

To:

From: Mike Beslow, OSC
 Steve Faryan, OSC

Date: 3/26/2014

Reporting Period: 3/26/14

1. Introduction

1.1 Background

Site Number:	z5nb	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	3/24/2014	Start Date:	3/24/2014
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E14512	Reimbursable Account #:	

1.1.1 Incident Category

Response to Oil Release at the BP Whiting Refinery

1.1.2 Site Description

BP Whiting Refinery located on the shores of Lake Michigan in Whiting, Indiana. Crude Oil was released from a NPDES permitted outfall of the BP Whiting Refinery Water Treatment Plant. The Crude originated at the 12 pipe cooling system which is on the facility and south of the railtracks that separate the refinery from the water treatment plant

1.1.2.1 Location

BP Whiting Refinery
 2815 Indianapolis Blvd
 Whiting, In. 46394

1.1.2.2 Description of Threat

Crude oil discharge to Lake Michigan from the BP Whiting Refinery in Whiting , Indiana.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Result

BP reported the release of crude oil to USEPA via the National Response Center at approximately 1700 on March 24, 2014.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Crude Oil originating at the 12 pipe area cooling system flowed to the waste water treatment plant and into the #6 oil water separator. The crude was discovered by an electronic sensor in the #6 oil water separator at approximately 4.30 PM on March 24, 2014. The # 6 oil water separator unit became over-saturated with oil, and began discharging directly to Lake Michigan via the permitted NPDES outfall on BP property. The oil was detected by a electronic sensor in the waste water treatment plant after 4 PM. BP immediately deployed 1000 feet of boom around the discharge that was in place by 6pm. BP immediately began vac truck operations to remove the oil from the separator unit. When OSC Beslow arrived on scene at approximately 9pm, Mar 24, there was no visible discharge of oil from the NPDES permitted outfall to the lake. Oil was observed in the water behind the boom and recovery operations were being conducted in the oil water separator. Boom was deployed across the water to contain the oil sheen, and 12 vacuum trucks were operating in both the #6 separator, and on the lake shore.

2.1.2 Response Actions to Date

The following activities occurred during ops from 00:00 to 12:00 on 3/26:

- Boat ops were suspended due to high winds from 00:00 until 07:00. At 07:00, 6 boat crews launched and began performing boom repair and maintenance operations.
- Ground crews performed manual collection of tar balls and oil-impacted sand at lake front.
- Vac trucks were staged and performing vac operations at lake front.
- BP industrial hygienists performed air monitoring via 7 AreaRAEs and UltraRAE. VOC readings ranged from 0-1 ppm. All readings for Benzene were non-detect.
- START performed air monitoring and cross-checking of BP air monitoring data. They also provided oversight to booming and oil recovery operations.
- SCAT teams mobilized and began shoreline and submerged oil assessment operations.

The following activities occurred during day ops from 12:00 to 23:59 on 3/26:

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2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

BP has been issued a Federal Notice of Interest

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Oil Water		5200 gal			
Oil Solids		40 cu yds			

2.2 Planning Section

2.2.1 Anticipated Activities

Continue 24 hour oil response activities to remediate oil, tar balls on the beach, oiled rocks and remove oil from the oil water separator. Currently EPA has a 24 hour presence. As new data is evaluated, EPA will reevaluate the operational period.

2.2.1.1 Planned Response Activities

Night crews will monitor and clean up the beach. Crews will continue to skim the oil from the #6 oil water separator.

2.2.1.2 Next Steps

Crews will continue cleaning the beach of tar and oil. Crews will investigate submerged oil and continue to remove tar patties and tar balls along the beach. SCAT crews will continue to assess shoreline and submerged oil conditions and provide data and recommendations to planning and operations.

2.2.2 Issues

Night ops were temporarily suspended due to high winds, leaving boom broken for a period of approximately 7 hours. Absorbents are being maintained at the #6 separator.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section**2.4.1 Narrative**

FPN E14512 Whiting Refinery has been opened with the USCG NPFC for \$25,000
START TDD was increased to \$30,000 on 3/26/2014.

2.5 Other Command Staff**2.5.1 Safety Officer**

Safety is being staffed by BP Whiting Refinery

2.5.2 Liaison Officer

Liaison is being staffed by BP Whiting Refinery

2.5.3 Information Officer

Megan McSeveny has been on scene reporting to the USEPA Regional Office. She is working with representatives from the USCG and BP. On Site media interviews have been conducted by USEPA and USCG with local news channels.

3. Participating Entities**3.1 Unified Command**

USEPA, USCG, BP

3.2 Cooperating Agencies

IDEM, City of Whiting, City of Hammond, City of East Chicago,

4. Personnel On Site

2: START Weston
3 : USEPA Personnel
3 USCG Personnel

5. Definition of Terms

No information available at this time.

6. Additional sources of information**6.1 Internet location of additional information/report****6.2 Reporting Schedule**

Crews are working 12 hours shifts and 24 hour operations.

7. Situational Reference Materials

No information available at this time.